Abstract

The invention relates to a method of producing a composite material from a particulate foam that consists of a thermoplastic synthetic material and from at least one layer that is linked with said particulate foam. According to the inventive method, the pre-foamed particles are heated to a temperature in the range of the melting temperature and are interlinked to a molded body. They are also linked with the layer during said step or afterwards. The inventive method is also characterized in that a particulate foam from an polyalkylene terephthalate or a polyalkylene terephthalate blend with a low crystallite portion in an otherwise amorphous phase is used. The particulate foam is tempered while the molded body is produced or while it is linked with the layer and/or afterwards at a temperature that induces the formation of a higher crystallite portion from the amorphous phase.